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SKYLAB

- A. Title of investigation: The Great Basin Investigation
- B. Number of investigation: #357
- C. Period covered: Monthly progress report for March 20, 1975
- D. Contract number: 9-13274
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- H. Type of report: Monthly Progress Report for March 1975

I. Overall Status:

1. Imagery from the thirteen S-192 bands is anticipated from SL-3, September 13, 1973, along track #59. These data will probably be sent out for reproduction as indicated from the data analysis and as time will allow.

2. Field examination of faults in the Battle Mountain and Crescent Valley areas as seen from the S-190B imagery was stopped, due to weather. Attempts to finish this work will be implemented in March.

3. Evidence of a large anticline has been observed in the northwestern portion of Nye County, Nevada, using S-190B photography. The structure is some 5 miles wide and 12 miles long and appears to be faulted along its north-south axis. No references to an anticline appear in any of the geological literature, nor is any such feature shown on the existing maps for the area. A field examination will be conducted as soon as the weather permits.

4. Every attempt is being made to acquire, analyze and reproduce the existing data from Skylab, however we are operating at something of a disadvantage in that we had originally planned to have more time to complete the data analysis after it was delivered by JSC, as described in our statement of work.

J. Expected accomplishments for the next reporting period:

1. Some field checks will be conducted, weather permitting.

2. Plans to meet with Dr. Melhorn of Purdue University are scheduled for the first week in March to review the first draft of the geomorphology report for north-central Nevada.

3. Analytical work will continue on the existing data while awaiting delivery on the final data products, from JSC and outside contractors.